CLAIMS

1. Glare-protection device, in preference for the utilization as a viewing window for protective masks, helmets or goggles for welders, comprising

an active filtering element (11) with an influenceable light transmission from an external half-space (91) into an internal half-space (92), and

electronic components (3) for the influencing of the filtering element (11), which are installed on at least one surface (22) of a printed circuit board (2),

characterized by

a screening element (4) containing electrically conductive material for the screening of electronic components (32) against electro-magnetic radiation,

which screening element (4) is attached to the at least one surface (22) of the printed circuit board (2).

2. Glare-protection device in accordance with claim 1, whereby the printed circuit board (2) has an internal surface (22) facing the internal half-space (92) and the electronic components (3) as well as the screening element (4) are attached to the internal surface (22) of the printed circuit board (2).

3. Glare-protection device in accordance with claim 2, whereby the printed circuit board (2) has an external surface (21) facing the external half-space (91), which is equipped with screening means against electro-magnetic radiation, in preference a screen made of metallic conductor tracks.

4. Glare-protection device in accordance with one of the claims 1-3, containing a light sensor (5) for the detection of a characteristic, preferably the intensity, of light entering from the external half-space (91), and an evaluation circuit (31) for the evaluation of a sensor output signal, characterized in that the screened electronic components belong to the evaluation circuit (31).

5. Glare-protection device in accordance with one of the claims 1-4, whereby the screening element (4) has a concave shape.

6. Glare-protection device in accordance with one of the claims 1-5, whereby the screening element (4) comprises an in essence rectangular plate (41) as well as at least partially protruding edges (42), which are arranged along the circumference of the plate (41), and the edges (42) are attached to the printed circuit board (2) and affixed to it.

7. Glare-protection device in accordance with one of the claims 1-6, whereby the screening element (4) is irreversibly connected with the printed circuit board (2) materially positively, for example, by means of soldering, gluing, spot welding, ultrasound welding or mechanical friction.

8. Glare-protection device in accordance with one of the claims 1-7, whereby the screening element (4) is electrically connected with electrically conductive elements on the printed circuit board (2).

9. Glare-protection device in accordance with one of the claims 1-8, whereby the screening element (4) contains metal, plastic material metallized on at least one surface, plastic material packed with metal particles and/or flexprint.

10. Glare-protection device in accordance with one of the claims 1-9, whereby the screening element (4) is manufactured as a foil, injection moulded part, moulded part or punched out - and bent to shape part.

11. Screening element (4) for utilization in a glare-protection device in accordance with one of the claims 1-10, whereby the screening element (4) contains electrically conductive material and has a concave shape.

12. Screening element (4) in accordance with claim 11, whereby the screening element (4) comprises an in essence rectangular plate (41) as well as at least partially protruding edges (42), which are arranged along the circumference of the plate (41).

13. Screening element (4) in accordance with claim 11 or 12, whereby the screening element (4) contains metal, plastic material metallized on at least one surface, plastic material packed with metal particles and/or flexprint.

14. Screening element (4) in accordance with one of the claims 11-13, whereby the screening element (4) is manufactured as a foil, injection moulded part, moulded part or punched out and bent to shape part.